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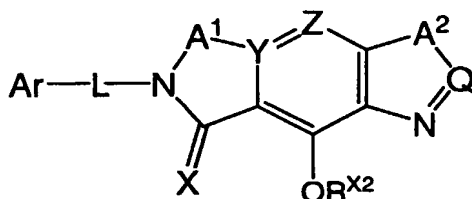
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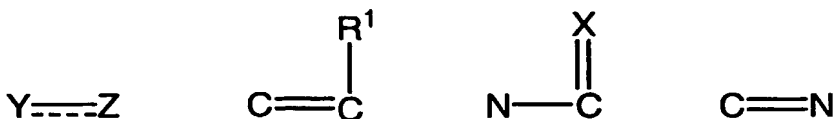
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(54) Title: PRE-ORGANIZED TRICYCLIC INTEGRASE INHIBITOR COMPOUNDS



(I)



(57) Abstract: Tricyclic compounds according to the structure below, protected intermediates thereof, and methods for inhibition of HIV-integrase are disclosed. Formula (I). A<sup>1</sup> and A<sup>2</sup> are moieties forming a five, six, or seven membered ring. L is a bond or a linker connecting a ring atom of Ar to N. X is O, S, or substituted nitrogen. Ar is aryl or heteroaryl. Q is N, <sup>+</sup>NR, or CR<sup>4</sup>. The aryl carbons may be independently substituted with substituents other than hydrogen. The compounds may include prodrug moieties covalently attached at any site.

# INTERNATIONAL SEARCH REPORT

In tional Application No  
PCT/US 03/32666

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C07D471/04 C07D498/20 C07D487/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, EMBASE, BIOSIS, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 99/07701 A (SUGEN INC) 18 February 1999 (1999-02-18) Claims; Formula 1; ex. 242,270 ---	1-79
A	WO 02/30426 A (ANTHONY NEVILLE J ; EGBERTSON MELISSA (US); GOMEZ ROBERT P (US); ME) 18 April 2002 (2002-04-18) cited in the application Claims; Formula (I); examples ---	1-79
A	WO 02/30930 A (ANTHONY NEVILLE J ; EGBERTSON MELISSA (US); FISHER THORSTEN E (US);) 18 April 2002 (2002-04-18) cited in the application Claims; Formula (I); examples --- -/--	1-79

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \* & \* document member of the same patent family

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# INTERNATIONAL SEARCH REPORT

In International Application No  
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C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	EP 0 541 404 A (UNIV ARIZONA) 12 May 1993 (1993-05-12) Claims; examples -----	1-79

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